

20000414.qrp v01_n791.qrl.20000414

Date: Fri, 14 Apr 2000 19:03:12 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1791

QRP-L Digest 1791

Topics covered in this issue include:

- 1) [67833] AT Alert - WV
by wd3p@juno.com
- 2) [67834] QRPTTF Propagation Forecast
by "James R. Duffey" <jamesd1@flash.net>
- 3) [67835] HB: KITE - Scott Sled Bridle details
by S LYON <sslyon@worldnet.att.net>
- 4) [67836] Re: [Fwd: QTH location-RF Sponge]
by David Shalita <af389@lafn.org>
- 5) [67837] Re: [Fwd: QTH location-RF Sponge]
by David Shalita <af389@lafn.org>
- 6) [67838] Re: [Fwd: QTH location-RF Sponge]
by David Shalita <af389@lafn.org>
- 7) [67839] HB: SMT newbie saga
by n5ib@juno.com
- 8) [67840] Re: [Fwd: QTH location-RF Sponge]
by David Shalita <af389@lafn.org>
- 9) [67841] Ancient Telegraph Code
by Chris Trask <ctrask@primenet.com>
- 10) [67842] RF levels
by Bigbob97@aol.com
- 11) [67843] OT: "P" Beacon
by Rick Sealey <rsealey@InfoAve.Net>
- 12) [67844] Re: Ancient Telegraph Code
by femens@hiwaay.net
- 13) [67845] fs: QRPP 40mtr Xtal Controlled Xmtr \$13.20ppd
by RLucch2098@aol.com
- 14) [67846] OHR WM-1 ??????
by KB7WW Art Moe <kb7ww@chatusa.com>
- 15) [67847] [DAYTON]Camping at Dayton
by Jim Stafford <w4qo@amsat.org>
- 16) [67848] Many thanks to all
by RangerSF5@aol.com
- 17) [67849] Re: Kits:
by patrick m kvitkauskas <pmk@juno.com>
- 18) [67850] Re: New QRP slogan
by Henry Freedenberg <henryf@quartz.gly.fsu.edu>
- 19) [67851] ot - test

- by "ke5tc" <ke5tc@crosstel.net>
- 20) [67852] Transmission line filters
by Howard D Rubin <n3fel@juno.com>
- 21) [67853] Re: Ancient Telegraph Code
by Wb8siw@aol.com
- 22) [67854] Questions on operating abroad and...
by arrowhead1@characterlink.net (Ted Danchi)
- 23) [67855] Re: Ancient Telegraph Code
by semann@tcia.net (Steven Mann)
- 24) [67856] RE: [Fwd: QTH location-RF Sponge]
by "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>
- 25) [67857] Re: Milliwatt Contest this weekend "Second Leg of the Triple Crown"
by "Edward A Kwik jr" <eakwikjr@hti.com>
- 26) [67858] Re: Transmission line filters
by "Lau, Zack, W1VT" <zlau@arrl.org>
- 27) [67859] Thank You FCC and QRP!
by Linda Smith <lindaksmith@email.com>
- 28) [67860] a 3.5 Octave LPDA for 3-30 MHz
by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
- 29) [67861] Re: Thank You FCC and QRP!
by joe lerch <jl@early.com>
- 30) [67862] What happens when c22 is adjusted.
by hamjoel@juno.com
- 31) [67863] Re: Thank You FCC and QRP!
by "Richard E. Robinson" <rerobins@email.uncc.edu>
- 32) [67864] Re: Thank You FCC and QRP!
by "Jess Gypin" <jessqrp@uswest.net>
- 33) [67865] Re: Thank You FCC and QRP!
by Barry J Minsky <w2bj@juno.com>
- 34) [67866] Re: [GQRP] a 3.5 Octave LPDA for 3-30 MHz
by af852@rgfn.epcc.edu (William R Colbert)
- 35) [67867] battery charger
by Bruce Rattray <rattray@gpfn.sk.ca>
- 36) [67868] Re: Thank You FCC and QRP!
by "Dan W. Dooley" <dandooley@pipeline.com>
- 37) [67869] Re: Thank You FCC and QRP!
by "Dieter \ (Diz\) Gentzow WB8QYY" <wb8qyy@cinci.rr.com>
- 38) [67870] Re: Thank You FCC and QRP!
by lujce@Lehigh.EDU
- 39) [67871] Re: Questions on operating abroad and...
by David Bixler <dbixler@co.seneca.k12.mo.us>
- 40) [67872] Re: Milliwatt Contest this weekend "Second Leg of the Triple Crown"
by "Jay Bromley" <w5jay@alltel.net>
- 41) [67873] RE: SMT newbie saga
by schoon@amgt.com
- 42) [67874] [FS] Auto-tuner
by Joel Malman <malman@world.std.com>
- 43) [67875] Milliwatt Contest this weekend "Second Leg of the Triple Crown"

- by n4so@juno.com
- 44) [67876] Re: Transmission line filters
by Paul Kiciak <pkiciak@att.net>
 - 45) [67877] Contest: Free - QRPDUPE BETA Update
by Brian Kassel <bkassel@dancris.com>
 - 46) [67878] QRQ Net: Sentences and Conflict.
by Ed Loranger <we6w@qsl.net>
 - 47) [67879] Re: Ancient Telegraph Code
by Ray Colbert <af852@rgfn.epcc.edu>
 - 48) [67880] DXCC 2000 Award
by "J. Ervin Bates" <w8erv@email.msn.com>
 - 49) [67881] Bandpass Preamps/Model 100 series
by n4so@juno.com
 - 50) [67882] Milliwatt Contest Time and Prize update
by "Jay Bromley" <w5jay@alltel.net>
 - 51) [67883] RE: Operating From Hotel Rooms
by "Niel Skousen" <nskousen@scientech.com>
 - 52) [67884] Re: DXCC 2000 Award
by GElam30092@aol.com
 - 53) [67885] WA3WSJ on the Appalachian Trail
by "Ron Polityka" <wb3aal@talon.net>
 - 54) [67886] RE: Operating From Hotel Rooms
by n2cx@voicenet.com
 - 55) [67887] QRP in the Savannah, GA Area
by Barry J Minsky <w2bj@juno.com>
 - 56) [67888] Re: WA3WSJ on the Appalachian Trail
by Barry J Minsky <w2bj@juno.com>
 - 57) [67889] All the FINAL worries
by "Mel Evans" <mel@euramcom.freemove.co.uk>
 - 58) [67890] Club: IAQRP Club Call KQORP active for Milliwatt event
by "John Burnley" <burnleyia@home.com>
 - 59) [67891] Low Power Spring Sprint
by n4so@juno.com
 - 60) [67892] DSW-40
by w2xn@juno.com
 - 61) [67893] [HB] Question
by Joel Malman <malman@world.std.com>
 - 62) [67894] Contest: QRPDUPE - QRPTTF is 4-29
by Brian Kassel <bkassel@dancris.com>
 - 63) [67895] Qrp Club
by "Victor Blackwell" <victor@brecnet.com>
 - 64) [67896] RE: [HB] Question
by "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>
 - 65) [67897] Re: [HB] Question
by "Marshall Emm" <mgemm@technologies.com>
 - 66) [67898] Re: [HB] Question
by Roger Hightower <n7kt@worldnet.att.net>
 - 67) [67899] Milliwatt contest starting times

by Jim Hale <kj5tf@yahoo.com>
68) [67900] Re: NC 40 with KC-1 vs NC40-A/W KC-1
by RangerSF5@aol.com
69) [67901] NQ5RP on 14.060.75 calling cq with 250mw
by Cw4n5iw@aol.com
70) [67902] Re: Ancient Telegraph Code
by Doug <doug@wtp.net>

Date: Thu, 13 Apr 2000 21:49:46 +0100
From: wd3p@juno.com
To: epaqrp-1@Lehigh.EDU, qrp-1@Lehigh.EDU
Subject: [67833] AT Alert - WV
Message-ID: <20000413.231020.-355057.5.wd3p@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Hi Gang - I'm planning on a trip to the WV AT on Saturday. That is if the WX hold out. This is a family hiking trip so operating time will be limited to about an hour. We want to get out, so if we have to to avoid rain we will move north into MD or PA or south into VA. I'm hoping to this the airwaves around noon, but with three kids in tow anything can happen. I'll have a SST for 40 and 20.

73 de Larry.....WD3P

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<http://dl.www.juno.com/get/tagj>.

Date: Thu, 13 Apr 2000 19:12:03 -0600
From: "James R. Duffey" <jamesd1@flash.net>
To: "qrp-1" <qrp-1@lehigh.edu>
Subject: [67834] QRPTTF Propagation Forecast
Message-ID: <200004140112.UAA21895@chupacabras.flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

The weekly 27 day foercast has come in and for QRPTTF;
Solar Flux A index K index
2000 Apr 29 220 15 3

These portend good conditions. 10 M should be open from anywhere and the noise should be low to moderate. Things look good, but there is always a chance for a solar flare that could change things.

James R. Duffey KK6MC/5
30 Casa Loma Road
Cedar Crest, NM 87008

Date: Thu, 13 Apr 2000 21:45:53 -0400
From: S LYON <sslyon@worldnet.att.net>
To: "Robert P. Okas" <vintage@best.com>, chat qrp <qrp-1@Lehigh.EDU>
Subject: [67835] HB: KITE - Scott Sled Bridle details
Message-ID: <38F67850.9F1AED49@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings, Bob
I'll just punch my comments in CAPs:

"
> The Home Despots [sic] in CA don't carry Tyvek, nor do any of the
> other home/building supply stores I've checked. Don't need to seal up
> houses too tight in the SF Bay area, I guess. Instead, I'm planning on
> using a blue poly tarp.

I'D RECOMMEND ORDINARY VISQUEEN OR ANY OTHER THIN POLY SHEETING. THE
BLUE TARP IS WAY TOO HEAVY... AND EXPENSIVE. I'VE BEEN VERY HAPPY WITH
HEAVY DUTY TRASH BAGS, CAREFULLY CUT APART AND TAPED TOGETHER WITH 2"
WIDE "CARPET TAPE". IT'S VERY IMPORTANT TO USE THAT REINFORCED TAPE
BORDER WITH THINNER MATERIAL.

>
> I have a couple of questions regarding the QST article. First, I'm A bit
confused about the bridle rings.

BRIDLE TIE POINTS ARE MADE BY TAPING A 5" PIECE FACE-TO-FACE TO THE
MIDDLE OF THE 20" PIECE. START PRESSING THE TAPE ON ONE SIDE OF THE KITE
SO THAT THE FACE/FACE PART IS JUST OFF THE EDGE, THEN FOLD AND BRING THE
TAPE BACK ON THE OTHER SIDE AND MAKE A FIRM BOND. THAT LEAVES A 2.5"
LOOP (W/NO STICKY STUFF) TO TIE TO. DO THAT THREE TIMES ON BOTH TIE
POINTS, AS SHOWN (OVERLAPPING THE TIE LOOPS) TO ENSURE GOOD LOAD
DISTRIBUTION ON THE TIE POINT AREA OF THE KITE.

The article wasn't clear how these are made from 20" of filament tape.
Can you elaborate? Lastly, what is the
> spar material: wood or aluminum?

THEY'RE WOOD, RIBBED ON ONE SIDE, AND THE STOCK IS CALLED "SCREEN DOOR MOLDING" AROUND HERE. ANY THIN, STRAIGHT-GRAIN WOOD STRIPS WILL DO, BUT THESE ARE REALLY GOOD. FOLLOW DIRECTIONS ON THE "CONTACT CEMENT" CAREFULLY. AFTER IT'S DRY TO TACKY ON BOTH THE KITE AND EACH STRUT, CAREFULLY FIX ONE END OF A STRUT, KEEPING IT FLEXED AND AWAY FROM THE KITE TO PREVENT PRE-MATURE BONDING. CAREFULLY ALIGN THE STRUT AND PUSH IT DOWN AGAINST THE KITE GLUE, FROM THE STARTING POINT TO THE END. THAT WILL ALLOW TENSIONING THE KITE MATERIAL AGAINST THE STRUTS, ELIMINATING FOLDS/LAPS. REMEMBER THE STRUTS GO ON THE 'BACK' OF THE KITE.

HOPE YOU DON'T MIND IF I PUBLISH YOUR QUESTION TO THE LIST... IT SHOULD HELP OTHERS AS WELL.

72
=S=
>
>

'Seab' Lyon - AA1MY
Beacon NY USA FN-31
QRP-L 574 ARCI 9253

Date: Thu, 13 Apr 2000 19:00:33 -0700
From: David Shalita <af389@lafn.org>
To: Joel Malman <malman@world.std.com>, "Ham-Homebrew@ucsd.edu" <Ham-Homebrew@ucsd.edu>
Cc: "qrp-l@Lehigh.EDU" <qrp-l@Lehigh.EDU>
Subject: [67836] Re: [Fwd: QTH location-RF Sponge]
Message-ID: <38F67BC1.FB0F8489@lafn.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hugh E Wells wrote:

>
> HI Dave,
>
> > Joel Malman wrote:
> > >
> > > David,
> > >
> > > 1. How old is his CO-AX cable?
>

> All antennas have independent coax of nearly equal length. A/B tests
> have been run by switching the coax/antenna systems.
>
> Two of the coax runs are brand spanking new while the others are
> considerabley older.
>
> All are dry and have not been subjected to water
>
>
> > > 2. Has he checked the SWR lately?
>
> Yes, the VSWR is on all antennas is running between 1.1:1 and 1.3:1.
>
> > > 3. Inspect the S0-239's for bad shield soldering.
>
> All checked and are properly soldered.
>
> > > /joel K1QM (K1 Queen Mary) Concord, Massachusetts
> > > QRP-L #337, QRP-ARCI #9305, MI-QRP #1641, SOC #42
>
> 73 Hugh

--

David Shalita (Dave)
af389@lafn.org
Van Nuys, CA

Date: Thu, 13 Apr 2000 19:04:36 -0700
From: David Shalita <af389@lafn.org>
To: Bruce Muscolino <w6toy@erols.com>, "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>,
"Ham-Homebrew@ucsd.edu" <Ham-Homebrew@ucsd.edu>
Subject: [67837] Re: [Fwd: QTH location-RF Sponge]
Message-ID: <38F67CB4.4F949644@lafn.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hugh E Wells wrote:

>
> Hi Dave,
>
> > Bruce Muscolino wrote:
> > >
> > > David,

> > >
> > > I would suspect that the building he lives in is doing the
> > absorbing.
> > > Mounting an antenna close to the structure can do that. How is
> > his
> > > coverage on 2 meters? Is it good? I used to live in West LA and
> > could
> > > hit repeaters way past San Bernadion on tow.
>
> That's an interesting thought. The antennas are in various locations
> around the house. The 12.4db antenna is mounted above and clear of the
> house. The folded dipole is at roof level and away from the house by
> several feet. The cardioid null of the folded dipole is facing the house
> so that the radiation pattern is in the open.
>
> The folded dipole, 12.4db and 5.5db antennas have a clear view of the
> terrain.
>
> Relative to 2-meters, the propagation tests that were run a week ago
> indicate results similar to the 450 measurements - all poor.
>
> However, hitting a repeater from the "house" location is not an issue
> because all propagation appears to be strong in both directions. But
> placing the repeater at the "house" site is devastatingly poor in both
> directions.
>
> 73
>
> Hugh

--
David Shalita (Dave)
af389@lafn.org
Van Nuys, CA

Date: Thu, 13 Apr 2000 19:06:38 -0700
From: David Shalita <af389@lafn.org>
To: Bruce Muscolino <w6toy@erols.com>
Cc: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>, "Ham-Homebrew@ucsd.edu" <Ham-Homebrew@ucsd.edu>
Subject: [67838] Re: [Fwd: QTH location-RF Sponge]
Message-ID: <38F67D2E.BFA06A2F@lafn.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hugh E Wells wrote:

>
> Hi Dave,
>
> > Bruce Muscolino wrote:
> > >
> > > Dave,
> > >
> > > The building will absorb anything in the near field unless
> > precautions
> > > are taken. Using a good reflector system will help! I cannot
> > imagine
> > > him having any problems from Manhattan Beach. I used to work at
> > > McDonald Douglass down there and could get into LA machines (not
> > real
> > > reliably) using a HT and through glass mount on my VW Bus!
>
> The 12.4db and 5.5db antennas are in the clear above the house roof so
> that adding a reflector would disturb the omni pattern that desired.
>
> However, the tests run with the folded dipole which has a cardioid
> pattern does have the null pointed toward the house so that the radiation
> pattern is sin the clear.
>
>
> > > I would investigate his 2 meter performance. Also. check into
> > whether
> > > his rig is puting out what he thinks it is!
>
> 2-meter simplex performance from this location is equally poor.
>
> As for power, several transmitters as well as antennas have been used
> during the course of attempting to answer the question as to "what's
> happening here?".
>
> Yes, handheld radio tests have been run in the simplex mode over the same
> line-of-sight path that is being tested with the gain antennas. The
> results are equally as poor as the gain antennas.
>
> There appears to be a huge absorption condition taking place. Yet, when
> using any of the test transmitters, receivers and handhelds (both 2 and
> 450) from the "house" location used for communicating with repeaters at
> remote sites, the path appears to be normal and strong.
>
> 73
>

> Hugh

--

David Shalita (Dave)
af389@lafn.org
Van Nuys, CA

Date: Thu, 13 Apr 2000 22:07:34 EDT
From: n5ib@juno.com
To: qrp-1@Lehigh.edu
Subject: [67839] HB: SMT newbie saga
Message-ID: <20000413.210630.4391.1.N5IB@juno.com>

Well, I've got a 4060 in a 50 mil SMT pack nicely soldered onto a pad to begin a teensy version of a VE3DNL marker generator. Have a SMT 50 pF trimcap and a tiny little cylindrical 10.24 MHz crystal to try.

But the SMT dragon rears up to challenge the newbie. I ordered some 27 pF NPO SMT caps from DigiKey. Now remember, I grew up in the days of hollow state. One of you smart young guys shoulda reminded me that not all SMT caps are created equal. there are 0402, 0603, 0805, and 1206. If you haven't a clue what you're doing and just order the first ones you come to in the list - guess what size you get ??? Yep, you're right, hard to tell 'em from dandruff.

Actually, I just might be able to get one of the wee beesties onto the circuit - as long as I don't sneeze - well I'm really more worried about accidentally inhaling.

Maybe that can start a trend, years from now I can tell some new young ham, "I did SMT back in ought-zero, but I never inhaled."

wish me luck...72
Jim N5IB

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<http://dl.www.juno.com/get/tagj>.

Date: Thu, 13 Apr 2000 19:08:07 -0700
From: David Shalita <af389@lafn.org>

To: "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>
Cc: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>, "Ham-Homebrew@ucsd.edu" <Ham-Homebrew@ucsd.edu>
Subject: [67840] Re: [Fwd: QTH location-RF Sponge]
Message-ID: <38F67D87.75335993@lafn.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hugh E Wells wrote:

>
> Hi Dave,
>
> > "Deitz, Harold L." wrote:
> > >
> > > David,
> > >
> > > Assuming that the radio is OK, have him replace his coax with
> > Belden 9913.
> > > It is a low-loss version of RG-8 that has a semi-air dielectric.
> > The loss
> > > at 400 Mhz is only 2.7 dB per 100 feet. Belden 9913 uses UHF
> > connectors or
> > > N-connectors with a slightly larger center pin. If he uses
> > N-connectors he
> > > must specify use with Belden 9913 cable.
>
> I'm very familiar with 9913 coax and have a 50 foot length. However,
> the issue isn't a single length of coax since five different antennas
> have their own coax attached. Each is an antenna system mounted in
> different locations above the roof of the house. Tests are being
> performed by switching between antenna systems, not just changing
> antennas at the end of a single coax.
>
> Tell him to get his
> > antenna up as
> > > high as possible. It could be that he is sitting considerably
> > below the
> > > average terrain.
>
> The house is located on a hill some 200 feet above the average terrain.
> The terrain is in clear visible unobstructed view from the roof of the
> house.
>
> >The next suggestion is to use a directional
> > antenna. In

> > > this case the more elements the better.
>
> The objective is to have an omni directional antenna system in
> preference to a directional one. To test the theory of antenna
> direction, a folded dipole was mounted on a pole which provides a gain of
> approximately 3db and exhibits a cardioid pattern with the dip pointed
> toward the house. The main lobe of the cardioid is pointed out over the
> open terrain.
>
> > > makes a really nice mast mountable low-noise preamp. If this guy
> > does all
> > > of this and he isn't in a 100 foot hole he can't help but here
> > signals from
> > > a handie-talkie from 100 miles away (well, almost)!
>
> I've built GaAs FET preamps for those frequencies where the receiver
> needs help, but the issue here is to understand where the signal
> attenuation/absorption is occurring that prevents the "house" location
> from becoming a repeater site.
>
> Communicating with repeaters via handheld from the "house" location is
> easy enough, but that in turn doesn't make the "house" location a good
> repeater site.
>
> 73
>
> Hugh

--

David Shalita (Dave)
af389@lafn.org
Van Nuys, CA

Date: Thu, 13 Apr 2000 19:32:08 -0700 (MST)
From: Chris Trask <ctrask@primenet.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>, Boatanchors
<BOATANCHORS@LISTSERV.TEMPE.GOV>
Subject: [67841] Ancient Telegraph Code
Message-ID: <Pine.BSI.3.96.1000413191734.9849C-100000@usr08.primenet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I picked up a very odd book over the weekend entitled "ABC
Universal Commercial Electric Telegraphic Code", published by the American
Code Publishing Co. in 1899. It appears to be a manual for a form of

telegraphic shorthand used by merchants and shipping agents, similar to the Q-codes and numerical codes we still use. There are over 25,000 codes in this book, and they were able to use either a number or a word. They also had to add additional information if there's a "fill in the blank" portion.

Anyone know the history behind this?

Chris

```

      ,-----'
    /   What's all this   \
  / extinct stuff, anyhow? /
 \-----'
_||/
oo\
(--) \
     \   . ' ' .
     \   \   \   \
     \   ' "   \   \
     \         \   \
     .          ( ) \
     ' - | ) _- : . \
       | | | | \ ' .
       c__; c__; ' - . ' > . __

```

High Performance Mixers and Amplifiers for RF Communications

Chris Trask / N7ZWY
Principal Engineer
Sonoran Radio Research
P.O. Box 25240
Tempe, Arizona 85285-5240

IEEE Member #40274515

Email: ctrask@primenet.com
<http://www.primenet.com/~ctrask>

Graphics by Loek Frederiks

Date: Thu, 13 Apr 2000 22:45:28 EDT
From: Bigbob97@aol.com
To: QRP-L@lehigh.edu
Subject: [67842] RF levels
Message-ID: <ba.41260ca.2627e048@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Can anyone point me in the direction of the new RF standards? Are we exempt at QRP levels? I live in the city and although no one can touch my antennas they are rather close to where people live. Thanks 73,
Bob WB2DHK in Jersey City, NJ

Date: Thu, 13 Apr 2000 22:49:11 -0400
From: Rick Sealey <rsealey@InfoAve.Net>
To: qrp-1@lehigh.edu
Subject: [67843] OT: "P" Beacon
Message-ID: <4.1.20000413224507.00984ad0@mail.infoave.net>
MIME-version: 1.0
Content-type: text/plain; charset="us-ascii"

The ol' "P" beacon on 7039 KHz is huge tonight.
0246Z 14 Apr 2000 East Coast USA

Date: Thu, 13 Apr 2000 22:07:30 -0600
From: femens@hiwaay.net
To: ctrask@primenet.com
Cc: qrp-1@Lehigh.EDU
Subject: [67844] Re: Ancient Telegraph Code
Message-ID: <200004140305.e3E35fD20114@mail.hiwaay.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Sounds something like the Phillips Code used by wireline
telegraphers to "compress" newspaper, etc. text for transmission.
It may be an earlier version of it.

73, Frank Emens, W4HFU
Huntsville, Alabama
femens@hiwaay.net

Date: Thu, 13 Apr 2000 23:11:41 EDT
From: RLucch2098@aol.com
To: qrp-1@lehigh.edu
Subject: [67845] fs: QRPP 40mtr Xtal Controlled Xmtr \$13.20ppd
Message-ID: <9c.2ed6f95.2627e66d@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi Guys;
I still have a few of these QRPP 40 meter transmitter circuit-Boards that are

all assembled and require just 12 vdc(or is it 9?), antenna and a crystal. I have no idea wat the power output will be because I do not a sensitive enough meter.

They have 3 transistors but some may vary a little. The output appears to have a toroid coil. all come with a schematic and are very nicely done. I found these many years ago at a Fest but I only need one. The last posting that I made was a few months back and sold a few then also.

Heres a picture if you guys wanna see it>>

QRPP 40 meter xmtr
<http://members.aol.com/rlucch2098/qrpp.jpg>

Price is \$13.20ppd Conus.

Thanks es 73....Rich WA2RQY (1961)

WA2RQY's "confusion Radio" Web-Page

[Http://members.aol.com/rlucch2098/index.html](http://members.aol.com/rlucch2098/index.html)

RLUCCH2098@aol.com

"Keep those heaters on"

Date: Fri, 14 Apr 2000 04:55:15 -0700
From: KB7WW Art Moe <kb7ww@chatusa.com>
To: qrp <qrp-1@lehigh.edu>
Subject: [67846] OHR WM-1 ??????
Message-ID: <38F70723.AAE7D661@chatusa.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Anyone know how low the battery voltage can go and the instrument still be accurate??? Let's say the voltage is 8 or 7.5 volts.

Thanks for any help.

Art
KB7WW

Date: Fri, 14 Apr 2000 01:06:15 -0400
From: Jim Stafford <w4qo@amsat.org>
To: qrp-1@lehigh.edu
Subject: [67847] [DAYTON]Camping at Dayton
Message-ID: <38F6A747.659AC53F@amsat.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

There have been some questions about availability of camping facilities for the Dayton Hamfest (see: <http://www.hamvention.com/camping.html>).

The best one IMHO is:

1. KOA DAYTON OHIO

DAYTON APRIL 1 - NOVEMBER 1 Toll Free Reservations 1-800-KOA-3317
Information: (937)833-3888 Fax Number: (937) 833-2477I-70 10 miles west
of I-75. Westbound 49N Exit 24, west at drive-in south on Wellbaum. East
70 Exit 24 1st 2 right turns. Air Force Museum near. 14 miles downtown
Dayton, 6 miles mall & Hara Arena. Su

The above was clipped from their site:

http://www.koakampgrounds.com/home_ie.htm

There are at least two more but personal experience would have me
recommend the KOA above the others. In the past, KOA has not taken
reservations for the hamfest weekend. It is first come first serve.
However, when I arrived on Wednesday, I had no problem getting in. Late
Thursday gets tight. Although the campground is about 6 miles from HARA
and in the past there was bus service to the hamfest, it is quite a trip
- about 16 miles - from the Ramada Inn (QRP Hotel) on I-75 south of
Dayton. But you can make it!

The campground is quite a site during hamvention. More aluminum (in the
air) than the local recycling center!

34 days and counting.....

--

Jim Stafford/W4QO/President QRP ARCI
The Thrill is Back - QRP Is! 77 -993-95
<http://www.qrparci.org> w4qo@arrl.net
<http://www.qrparci.org/pix/arci050.gif>

Date: Fri, 14 Apr 2000 04:18:43 EDT
From: RangerSF5@aol.com
To: qrp-l@lehigh.edu
Subject: [67848] Many thanks to all
Message-ID: <ce.3fd69ee.26282e63@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi Gang,

Below are some of the people who sent be get well wishes, advice, info on Lyme
disease, offers to build a DSW, Prayers, etc

Some even called and I also had a nice QSO with Conrad weiss via the LL.
I know I missed more then what is posted but all three of my machines crashed
just about the same time I did.
However a new member of this list who is local to me,Paul,KC2DLA came over
and spent over four hours getting this old 233 MHZ up and running.

I listen to CW a lot and now starting to knock out about 6 contacts a night
on 7.035 to 7.050,
Ed WE6W got me the other night and the conditions were so bad he had to go
QRO to 15 watts.
A real nice bunch on this list.God Bless all of you
Bob
WA2HOQrp <tm>

Brien Pepperdine
Amateur Radio Station VE3VAW
Toronto, Ontario Canada
ARCI QRP #8773 - NORCAL QRP "ZOMBIE"

aa7fg@gte.net (Patrick Armstrong)

jl@early.com (joe lerch) KC3GV

Mel GM6JAG
EDINBURGH, Scotland
Home of the last HW9

Aron Brown
N1ODL
Bedford, NH

Cheers,
Gerry, K7LR0
PHX AZ

73,
Al Moyle
N3KFL

Rod Cerkoney, N0RC
5000 Boardwalk #39

Fort Collins, CO 80525

w6toy@erols.com

73

Mary, NA6E

Sacramento, CA

QRP-C #7 QRP-ARCI #9923 WHINER'S #2

badger@vbe.com (Michael Melland)

n0dt@alltel.net (Dan Copeland)

70511.3041@compuserve.com (Wilford D. Lindsey)

Ken Hanks

57 Beebe Street

Naugatuck, CT 06770 <~came through for my quest for the untimate.
A built Emtec tuner and a NW-40-M.

Niel Skousen, Idaho Falls, ID.

Barry Minsky

Conrad Weiss

WE6W, ED

Alen, N3BJ

Rick Sealey, W4SEA

Joe Trombino, W2KJ

Ronnie L. Zoerb, KI0II

Alan Slusher currently W3/V31FA

Darrel Swenson KC0AXH

George Lee KR5C

Gerry K1LR0

Robert Engelman WB8U0J

Ken Hoglund KG4FGC

JIM N5IB

MIKE WOOD K6MW

Chuck Carpeneter W5USJ

Mary K. Cherry NA6E

Mark A. Cherry WT6P

Richard A. Meiss WB9LPU

Date: Fri, 14 Apr 2000 08:18:15 -0400
From: patrick m kvitkauskas <pmk@juno.com>
To: biggman@accucomm.net
Cc: qrp-1@Lehigh.EDU
Subject: [67849] Re: Kits:
Message-ID: <20000414.085811.11582.0.pmk@juno.com>

I am quite pleased with my Sierra and have not done any mod's to it at all. I only operate 1 watt so mod's are not needed on mine. The RX is beautiful and would hate to mess with that part of it. I would say leave it but others might disagree. I am sure if any mod's were appropriate you might give Bob a call at Wilderness.

Have fun with your new rig and think about the mod's later if you really think they are necessary.

What part of 4land are you in ???

72 de Patrick KD4OBQ

AR

send replies to

pmk@juno.com for faster service (checked twice daily)

pmk@bellsouth.net to send pictures

<http://www.qsl.net/kd4obq/> QRP site

<http://homestead.juno.com/pmk/FILES/INDEX.HTM> R/C soaring site

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<http://dl.www.juno.com/get/tagj>.

Date: Wed, 12 Apr 2000 08:09:52 -0400
From: Henry Freedenberg <henryf@quartz.gly.fsu.edu>
To: dandoooley@pipeline.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [67850] Re: New QRP slogan
Message-ID: <38F4678F.44479C0E@quartz.gly.fsu.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I just sent a reply to Michael Meverdovsky's original post (under another heading) on qrp slogans.

Maybe we can come up with a Haiku slogan ala:

Raid
Kills Bugs
Dead

As suggested in the earlier post, coming up with a Haiku slogan might make a worthy NORCAL contest.

I
Gotta QRT
Now

Henry

Date: Thu, 13 Apr 2000 05:42:29 -0500
From: "ke5tc" <ke5tc@crosstel.net>
To: "Low Power Radio qrp-1" <qrp-1@Lehigh.EDU>
Subject: [67851] ot - test
Message-ID: <000d01bfa534\$f8464360\$36c8f9cc@computer1>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

some problem rcving email. just checking it out..

Date: Fri, 14 Apr 2000 06:47:40 -0700
From: Howard D Rubin <n3fel@juno.com>
To: QRP-L@lehigh.edu
Subject: [67852] Transmission line filters
Message-ID: <20000414.064746.-282781.0.n3fel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

We are planning our annual field day contest. A lot of discussion on filters for the transmission line at our recent meeting. The purpose of filtration being to block RF interference from stations in nearby proximity to a highly sensitive receiver. Any suggestions from the group on in-line filter construction that would effectively block most of the adjacent channel interference yet exhibit extremely low loss in the passband? I'm thinking of LC filter structures similar to those described in the ARRL Handbook. Anyone with experience to share doing the same? Where is a good source of components for the inductors and capacitors? Any special features of the RF enclosure?

Howard Rubin, N3FEL
Penn Wireless Association
Bucks County, Pennsylvania

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<http://dl.www.juno.com/get/tagj>.

Date: Fri, 14 Apr 2000 07:26:35 EDT
From: Wb8siw@aol.com
To: ctrask@primenet.com, qrp-l@lehigh.edu
Subject: [67853] Re: Ancient Telegraph Code
Message-ID: <f.2ad4e46.26285a6b@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi Chris:

Many commercial codes were developed during the latter half of the 19th and early 20th century. These were often published as a book. Such commercial codes served two purposes:

- * protect the integrity (security) of financial transactions
- * save on the cost of the telegram.

The latter was perhaps the most important incentive. Because telegraph companies charged by the word, many such commercial codes decreased the cost of telecommunications services. For example, the B & O Railroad used to publish a book of telegraphic cipher codes for company use. If I recall a few examples:

"Baw1" = "By whom was this authorized."
"Card" = "Can you locate...."
"Casting" = "Carefully examined to see if correct number, records show...."
"Indian" = "Instructions received; will be governed accordingly"

Well, anyway, enough of that...

There were also telegraphic shorthands utilized for press service. However such "shorthands" did not serve a security purpose. They were developed simply to utilize available circuit capacity more efficiently. The most successful of such codes was developed by a gentleman named "Walter Phillips" (I seem to recall he was with United Press). The "Phillips Code" was widely utilized for the transmission of press stories, baseball play-by-play, and market reports.

We still hear some "Philips Code" shorthand on the air today. Some samples:

"GG" = "Going"
"TT" = "That"
"Vy" = "Vy"

and so on and so on....LOL.

Anyway, hope that provides some historical perspective. There's an entire history about commercial codes and how the codes evolved as telegraph companies modified their rules over time to protect revenue....but I don't want to waste "bandwidth" as folks say! hi.

73, Jim Wades, WB8SIW

Date: Fri, 14 Apr 2000 08:09:50 -0400
From: arrowhead1@characterlink.net (Ted Danchi)
To: QRP-L Reflector <qrp-l@Lehigh.EDU>

Subject: [67854] Questions on operating abroad and...
Message-ID: <38F70A8E.CD9A13AA@characterlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I'm strongly considering a career as a professional violinist. This will probably include some (if not a LOT of) international travel. I like the idea of taking a portable HF QRP station (with tuner of course) to use in the hotels when I'm not rehearsing/performing. I need learn how to go about getting a license/permit, and what types of equipment to take.

- 1.What basic kinds of Amateur permits/licenses are available to US hams traveling in foreign countries?
- 2.How difficult is it, and approximately how long does it usually take to secure such a permit/license?
- 3.Which HF band(s) (QRP friendly of course :-) is (are) good for international travel? (In other words, if I'm going to buy/build a single-band QRP rig to take with me on international trips/tours, which band(s) can I use in a majority of foreign countries?)

Also: I know there are restrictions on beacons and repeaters in the National Radio Quiet Zone. Are there any restrictions on mobile and portable 2M and HF (QRP of course) operations? (Did I learn and forget that information for one of the tests?)

--

Michael F. Danchi, KE4TSA
Violinist
"Guardian 7"

Date: Fri, 14 Apr 2000 08:19:00 -0400
From: semann@tcia.net (Steven Mann)
To: ctrask@primenet.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [67855] Re: Ancient Telegraph Code
Message-ID: <38F70CB4.AD1A3BCB@tcia.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have a copy of Slater's Telegraphic Code, fourth edition, published in England in 1900. Its purpose was "to ensure the secresy in the transmission of telegrams."

The book lists 25000 different words and their 5 digit number equivalents. The sender and receiver chose a number to be added to the numbers for the words in the message so that the transmitted numbers would be encoded and unreadable by business rivals.

The transmitted message would consist of 5 or 6 digit numbers. Anyone intercepting the message would not be able to decipher it without the encoding number. For instance, "telegraph" is 22224 according to the book. But if the chosen encoding number was 5000, the number sent would be 17224 which is "premonish".

This book does not contain any Q codes or abbreviations

Steve, N4EY.

Chris Trask wrote:

> I picked up a very odd book over the weekend entitled "ABC
> Universal Commercial Electric Telegraphic Code", published by the American
> Code Publishing Co. in 1899. It appears to be a manual for a form of
> telegraphic shorthand used by merchants and shipping agents, similar to
> the Q-codes and numerical codes we still use. There are over 25,000 codes
> in this book, and they were able to use either a number or a word. They
> also had to add additional information if there's a "fill in the blank"
> portion.
>

Date: Fri, 14 Apr 2000 07:39:07 -0500
From: "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>
Subject: [67856] RE: [Fwd: QTH location-RF Sponge]
Message-ID: <0974781F4FC8D211A24600902727E806011B20CE@saturn.rose.cc.ok.us>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

I guess if there is a reason NOT to try any of the suggested improvements, then why ask for help. Sounds like you have tried everything already and don't need any help. Too bad.

Hal

Date: Fri, 14 Apr 2000 08:38:25 -0400
From: "Edward A Kwik jr" <eakwikjr@hti.com>
To: w5jay@alltel.net, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [67857] Re: Milliwatt Contest this weekend "Second Leg of the Triple Crown"
Message-ID: <38F71141.70C07DFF@hti.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Boy this is confusing. Is this right?
Friday 6pm EDT to 10pm EDT
Saturday 8pm EDT to Midnight EDT
Sunday 10pm EDT to Monday 2am EDT

Jay Bromley wrote:

>
> Gang,
> Jim Hale mentioned he hope there would be a post on the up
> coming Milliwatt CW Contest, Second Leg of the "Triple Crown".
> So here the first one, remember it is this weekend! I'm sorry,
> still not all here because of ArkieCon, great problem to have, grin!
> Cu on this weekend.
> 1
> 73 de w5jay..
>
> CONTEST: Milliwatt CW contest Second Leg of "Triple Crown".
>
> DATES AND TIMES: Friday April 14th, 2000. 2200Z to 0200 Z,
> Saturday, April 15th, 0000Z to 0400Z and, Sunday, April 16, 0200Z
> to 0600Z,
>
> Contestants may submit a log for only 2 days of the 3 day contest.
>
> EXCHANGE: Exchange RST, SPC, First Name, PWR.
> Suggest using W as decimal point when reporting power. I.e., 1W5 =
> 1.5W, W5 = 500mW, W25 = 250mW, W02 = 20mW.
>
> SCORING: QSO points are awarded to contestants according to their power
> output. Power may be changed from QSO to QSO and must be noted in the
> log.
>
> 1001mW and over 1 Point
> 501mW to 1000mW 2 Points
> 251mW to 500mW 4 Points
> 101mW to 250mW 8 Points
> 51mW to 100mW 16 Points

> 26mW to 50mW 32 Points
 > 11mW to 25mW 64 Points
 > 1mW to 10mW 128 Points
 > <1mW 500 Points
 >
 > NOTE: No schedules or prearranged contacts between stations are
 > permitted.
 >
 > BONUS MULTIPLIER: Number of identical first letters of first names
 > worked. I.e., worked Jim, John, Jennie, Joe, Jack, = 5 multiplier.
 > Note: one name only counts once - if you work 10 Jacks, that's still
 > just one multiplier.
 >
 > CLUB BONUS: Anyone who works a club station which is running the
 > specified power levels listed below collects bonus points as follows:
 > (Clubs will not raise or lower power to accommodate a single QSO.)
 >
 > 900mW 1,000 points
 > 500mW 2,000 points
 > 250mW 3,000 points
 > 100mW 4,000 points
 > 50mW 5,000 points
 >
 > Calculate score for each days activity:
 >
 > (QSO Points) X (Total SPC Multipliers all bands) X (Bonus Multiplier) +
 > (Club Bonus total) = Daily Score.
 > Add the two best daily scores to find Total Score.
 >
 > PRIZES: G4ZPY straight and a HiMound Paddle, details later.
 >
 > LOGS: Submit logs before June 1st, 2000. Winners will be announced on
 > QRP-L and KLQRP. Send logs to:
 >
 > Ed Rowan
 > 1450 North Main Street
 > Greenwood, Ar. 72936
 >
 > email entries to: ac5dc@amsat.org

 Date: Fri, 14 Apr 2000 08:52:30 -0400
 From: "Lau, Zack, W1VT" <zlau@arrl.org>
 To: qrp-l@Lehigh.EDU
 Subject: [67858] Re: Transmission line filters
 Message-ID: <125490A005E3D3118C9C00805FC743CC421229@mail.arrl.org>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

See the May and June 1998 QST.
However, these filters aren't good enough to protect the CW receiver from
the
SSB transmitter on the same band. To do that, I'd suggest the higher loss
filters
in the RF column in QEX.
Sept/Oct 98 (80M)
Nov/Dec 98 (40M)
73-Zack W1VT

Date: Fri, 14 Apr 2000 08:59:15 -0400 (EDT)
From: Linda Smith <lindaksmith@email.com>
To: qrp-l@Lehigh.EDU
Subject: [67859] Thank You FCC and QRP!
Message-ID: <379747263.955717155209.JavaMail.root@web03_mc.mail.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I want to thank everyone for working so hard to make this licensing change finally
come true.

We need to take the next step and eliminate all licensing requirements across the
board.

It only makes sense because these tests keep some people out of amateur radio.

Anyway, thank you again for the work you've done because a lot more people can now
get a higher class license that could not do so before!

Linda

FREE! The World's Best Email Address @email.com
Reserve your name now at <http://www.email.com>

Date: Fri, 14 Apr 2000 09:10:09 -0400 (EDT)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: QRP-L List <qrp-l@lehigh.edu>, gqrp@onelist.com, towertalk@contesting.com,

antennas@qth.net, antennaware@contesting.com
Subject: [67860] a 3.5 Octave LPDA for 3-30 MHz
Message-ID: <Pine.GS0.4.10.10004140901250.23920-1000000@larry.cas.utk.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

As a study item, I have added to the "modeling" section of the web site some notes on a 3-30 MHz LPDA with high Tau and Sigma values--a. for the fun of it, and b. as a reference or baseline for the 2-part QEX series on shorter 80-10 meter LPDAs design. Unless you have a 1250-1300 foot turntable, the antenna is not for construction, but it does show what an LPDA can do when all of the physical constraints are removed. Since the models use up to 2300+ segments, I figured most folks would not get around to modeling a 3.5 octave version. Hope something in the notes may be useful--or simply curious.

Incidentally, although I do not usually announce them, I do add my antenna modeling column monthly, my latest "Antennas from the Ground Up" column every other month, and the latest "An-Ten-Ten-nas" each quarter--in case anything in any of those items might be useful to someone.

-73-

LB, W4RNL

L. B. Cebik, W4RNL	/\ /\ *	/ / /	Tel: (865) 938-6335
1434 High Mesa Drive	/ \ / \ \	----/\---	http://www.cebik.com
Knoxville, Tennessee	/\ \ \ \	/ / /	e-mail: cebik@utk.edu
37938-4443 USA	/ \ \ \ \		e-mail: w4rnl@arrl.org

Date: Fri, 14 Apr 2000 08:01:07 -0400
From: joe lerch <jl@early.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [67861] Re: Thank You FCC and QRP!
Message-ID: <00041408120604.00407@->
Content-Type: text/plain
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

On Fri, 14 Apr 2000, you wrote:

> I want to thank everyone for working so hard to make this licensing change

finally come true. >

> We need to take the next step and eliminate all licensing requirements across the board.

>

> It only makes sense because these tests keep some people out of amateur radio.

>

> Anyway, thank you again for the work you've done because a lot more people >can now get a higher class license that could not do so before

Although I am proud that I finally passed the 20 wpm test back in February, I know that passing any test and actual performance are two different things. I also need to thank the FCC for announcing the changes, it prompted me to stop procrastinating and start preparing to upgrade. I was not active for many years, but after passing the test I decided to get on the air again. Test or no test it is like starting over again, a lot has changed, I still haven't mastered the electronic keyer <G>.

Considering that qrp is mostly CW, I think people interested in qrp are doing more to preserve and promote the use of CW than those that constantly complain about the restructuring.

joe (KC3GV)

Date: Fri, 14 Apr 2000 09:15:50 -0400

From: hamjoel@juno.com

To: elecrafft@qth.net, qrp-l@lehigh.edu

Subject: [67862] What happens when c22 is adjusted.

Message-ID: <20000414.091551.-151795.0.hamjoel@juno.com>

MIME-Version: 1.0

Content-Type: text/plain

Content-Transfer-Encoding: 7bit

Hi y'all:

tis a bit long but informative, i think...

I had the good fortune to have Ed L. put my k2 together for me... and as u kneaux Ed does things exacting... great work...

That being said... I received my k2 and got it on the air... working great... however the dial wasn't splitting 7.228 where I work sstv... sooo I decided to do a cal pll so this freq would be correct on the read out...

Unfortunately I had not built the k2 and had not had time to read that much about it so I kinda read something the wrong way I guess... I proceeded with the cal pll and for whatever reason I can't remember or am too embarrassed to admit too.... I became concerned about the frequency

counter reading on tp3.... Thinking the counter was off I pulled out my brand new rad shack freq counter (good to 100hz) and checked it against the internal counter... aha the internal counter was off... so I looked in the manual on page 54... I read where I needed to adj c22 till both meters read the same...

THINKING... I was adjusting the freq counter I dutifully adjusted c22 until both meters read the same.... oh my goodness... things went catty-whampus with the radio and scared the alligator outta me... I notified Ed by e-mail and he immediately downed a few 807's as he realized I had undone about 10 hours of work with precision equipment with one tweak of the tuning tool....

I got back into the book and read and read to get the education I would have gotten if I had built the little bugger myself... I tried wv zero beating, I tried using the rad shack counter and these worked well but I could not come out with the readings Ed had marked in the manual...

Feeling quite stupid and upset about upsetting Ed's work I began to talk to the great alligator in the sky for ideas... (us cajun lads do this sort of thing). Well a thought came to me.... I had made only one adjustment c22, so if I looked in the manual on page 54... I could adjust c22 till the BFO AND PLL high low freq readings matched the ones Ed had put in the manual....

and that's what I did... I monitored these readings and adjusted c22 until I had the EXACT SAME readings as what Ed had marked in the manual....

Don't kneaux if this was the correct procedure however little Eddie Silver) my k2's pet name, is perking along just fine... and that's just fine with me as my rad shack freq counter and \$10 multi meter and 100/250 watt soldering gun are the only test equipment I have....

The reason I picked the bfo freq to monitor is because they were written down in the book and they did change with the adjustment of c22... I really didn't think I could get both the high and low to match, however I got them both exactly... and I don't like using the word "exactly"... but in this case I got them exactly the same....

Such is the story of this displaced cajun and how c22 got adjusted by mistake...

God bless

joel kella

in maine

feeling quite foolish, about the mistake

quite proud of the solution... cajun style...

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<http://dl.www.juno.com/get/tagj>.

Date: Fri, 14 Apr 2000 09:40:43 -0400
From: "Richard E. Robinson" <rerobins@email.uncc.edu>
To: lindaksmith@email.com
Cc: qrp-l@lehigh.edu
Subject: [67863] Re: Thank You FCC and QRP!
Message-ID: <v03102802b51ccb7b0055@[152.15.144.71]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Linda K. Smith writes;

>I want to thank everyone for working so hard to make this licensing change
>>finally come true.

Not everyone worked, or even supported the changes, but I won't go there.
That's a sleeping dog we don't need to awaken.

>We need to take the next step and eliminate all licensing requirements
>across the board.

>

>It only makes sense because these tests keep some people out of amateur radio.

Gosh Linda, you sure know how to open up a 55 gal drum of worms. It's 2
weeks late for an April Fools joke so I assume you are serious.

The FCC will never eliminate all testing for amateur licenses. First of
all, the US and other nations subscribe to standards set up by the IARU
which require a CW test for HF licensed operation, in addition to a written
test. That is the primary reason that the CW requirement for an HF license
was not dropped. As far as I know, there is no speed requirement
stipulated by the IARU.

Rules and regulations are implemented for amateur radio just as they are
for driving an automobile. Protection of other services sharing the
airways are a primary concern just as the safety of other drivers on our
highways is a concern in operating an automobile. Would you want an
operator who has never taken a test, and doesn't even know the proper
operation of an amateur transmitter, causing interference to commercial
aircraft communications or public safety communications? You can bet the
farm that would happen if licensing of amateur radio equipment was dropped.
Look at the mess on 27MHz to see the example of unlicensed operation. Also
check to see how easy some VHF FM transceivers can be modified to transmit
outside of the amateur bands.

Yes Linda, you are right. The tests do indeed keep some people out of
amateur radio. I for one do not want individuals in amateur radio who do
not wish to be tested on the proper operation of a transmitter and the
rules and regulations regarding such operation any more than I want

unlicensed automobile drivers on the highways.

Are you licensed Linda? Just wondering since I didn't see your call in your email.

72,

Rick kf4ar

Date: Fri, 14 Apr 2000 07:44:44 -0600
From: "Jess Gypin" <jessqrp@uswest.net>
To: <lindaksmith@email.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [67864] Re: Thank You FCC and QRP!
Message-ID: <00c501bfa617\$981a1cd0\$8ff0e13f@stortek.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Oh brother.....

----- Original Message -----

From: "Linda Smith" <lindaksmith@email.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: April 14, 2000 6:59 AM
Subject: Thank You FCC and QRP!

> I want to thank everyone for working so hard to make this licensing change finally come true.

>

> We need to take the next step and eliminate all licensing requirements across the board.

>

> It only makes sense because these tests keep some people out of amateur radio.

>

> Anyway, thank you again for the work you've done because a lot more people

can now get a higher class license that could not do so before!

>
> Linda
> -----
> FREE! The World's Best Email Address @email.com
> Reserve your name now at <http://www.email.com>
>
>
>

Date: Fri, 14 Apr 2000 10:02:18 -0400
From: Barry J Minsky <w2bj@juno.com>
To: jessqrp@uswest.net
Cc: qrp-1@Lehigh.EDU
Subject: [67865] Re: Thank You FCC and QRP!
Message-ID: <20000414.100220.-265781.0.w2bj@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

I agree. I still wonder whether this was a joke. Was it, Linda?

On Fri, 14 Apr 2000 07:44:44 -0600 "Jess Gypin" <jessqrp@uswest.net>
writes:

> Oh brother.....
>
>
>
> ----- Original Message -----
> From: "Linda Smith" <lindaksmith@email.com>
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> Sent: April 14, 2000 6:59 AM
> Subject: Thank You FCC and QRP!
>
>
> > I want to thank everyone for working so hard to make this
> licensing change
> finally come true.
> >
> > We need to take the next step and eliminate all licensing
> requirements
> across the board.
> >
> > It only makes sense because these tests keep some people out of
> amateur

> radio.
> >
> > Anyway, thank you again for the work you've done because a lot
> more people
> can now get a higher class license that could not do so before!
> >
> > Linda
> > -----
> > FREE! The World's Best Email Address @email.com
> > Reserve your name now at <http://www.email.com>
> >
> >
> >
>

72/73,
Barry J. Minsky, W2BJ
ARRL, QRP ARCI #8871, NorCal #1560, QRP-L #1543, FISTS #2701, Century
Club #569, Platinum #51, Silver #119, FISTS CW Club of Coastal Georgia,
Knightlites, Adventure Radio Society #359,
Six Club #151, QCWA #29298, OOTC #3723, SOC #193

Date: Fri, 14 Apr 2000 08:02:48 -0600 (MDT)
From: af852@rgfn.epcc.edu (William R Colbert)
To: qrp-l@lehigh.edu, gqrp@onelist.com
Subject: [67866] Re: [GQRP] a 3.5 Octave LPDA for 3-30 MHz
Message-ID: <200004141402.IAA23109@rgfn.epcc.edu>

LB is the modeled version horizontal or vertical? We used the
vertical rosette version where I used to work and was curious.
You may recall that in the late 60's early 70's period George
Smith wrote several articles about small to large wire type
RLPA antennas - those were in 73 Magazine - when it was a real
amateur radio pub. I am looking forward to seeing your info.
Thanks & 73
Ray

--
"The more I see of the representatives of the people, the more I
admire my dogs." letter from Count d'Orsay to John Foster 1850
Ray Colbert, W5XE, OOTC#3618, SOWP#1064M NARTE-NCT2 SOC#78
El Paso, (FAR WEST) TEXAS

Date: Fri, 14 Apr 2000 08:04:54 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-l@LeHigh.EDU>
Subject: [67867] battery charger
Message-ID: <Pine.LNX.3.95.1000414075945.12520G-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I'd like to thank everyone who has sent me information about my battery charger question....because of these people, I have been having a super time understanding and learning as I work through this project...I have it going again as a half-wave rectifier where it's charging on the peaks but I am going to add a capacitor and take my measurements again.....then I will be going to a bridge rectifier and measuring again.....I also have a Hammond power transformer with a 25 volt secondary standing in the wings....hey, I'm having a ball and I thank you all for this experience... ..these mailing lists are SUPER!!

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Fri, 14 Apr 2000 08:48:29 -0500
From: "Dan W. Dooley" <dandooley@pipeline.com>
To: <lindaksmith@email.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [67868] Re: Thank You FCC and QRP!
Message-ID: <002601bfa618\$2020a720\$04987b7b@dooleydw>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Is this tongue-in-cheek or dead serious?

It can sure be taken in several different ways, depending upon her intent.

Who are the tests keeping out? That's the scary part.

Dan W. Dooley WB5TKA Bedford, Texas EM12ku
e-mail to: dandooley@pipeline.com
May Goddes love blest ye alle
SOC#198

"Ancient Pistol, I do partly understand your meaning."

----- Original Message -----

From: Linda Smith <lindaksmith@email.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Friday, April 14, 2000 7:59 AM
Subject: Thank You FCC and QRP!

> I want to thank everyone for working so hard to make this licensing change finally come true.

>

> We need to take the next step and eliminate all licensing requirements across the board.

>

> It only makes sense because these tests keep some people out of amateur radio.

>

> Anyway, thank you again for the work you've done because a lot more people can now get a higher class license that could not do so before!

>

> Linda

Date: Fri, 14 Apr 2000 10:13:12 -0400
From: "Dieter \ (Diz\) Gentzow WB8QYY" <wb8qyy@cinci.rr.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [67869] Re: Thank You FCC and QRP!
Message-ID: <007801bfa61b\$91a91b90\$1461a518@cinci.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

It sure is easy to start a forest fire
by striking a match in this group :-)

73 & "oo's" - Dieter (DIZ) Gentzow - WB8QYY - Loveland, Ohio
Clermont County - EM79ug - near Cincinnati; 39.218N - 84.305W
FPqrp-1 SOC-8 DLQRPAG-1454 ARCI-10226 QRPL-1998 10X-9389 CATT-26 K2-493
<http://home.cinci.rr.com/wb8qyy> [AOL-IM "wb8qyy"]

----- Original Message -----

From: "Linda Smith" <lindaksmith@email.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Friday, April 14, 2000 8:59 AM
Subject: Thank You FCC and QRP!

> I want to thank everyone for working so hard to make this licensing change finally come true.

>

> We need to take the next step and eliminate all licensing requirements across the board.

>

> It only makes sense because these tests keep some people out of amateur radio.

>

> Anyway, thank you again for the work you've done because a lot more people can now get a higher class license that could not do so before!

>

> Linda

Date: Fri, 14 Apr 2000 10:19:28 -0400 (EDT)
From: lujce@Lehigh.EDU
To: qrp-1@lehigh.edu
Subject: [67870] Re: Thank You FCC and QRP!
Message-ID: <200004141419.KAA69798@nss4.cc.lehigh.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> Is this tongue-in-cheek or dead serious?

Don't know don't care, it's not appropriate here and should be taken elsewhere.

73
Jim N3VXI

Date: Wed, 12 Apr 2000 21:18:05 -0500
From: David Bixler <dbixler@co.seneca.k12.mo.us>
To: qrp-1@Lehigh.EDU
Subject: [67871] Re: Questions on operating abroad and...
Message-ID: <38F52E5C.F948CCCA@co.seneca.k12.mo.us>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello Michael:

You have some good questions. One of the best resources for overseas operating permits is the ARRL web site at:

<http://www.arrl.org/field/regulations/io/recipe-country.html>

Also, do a web search and locate the web site of the amateur organization or the licensing authority in the country of interest. Many foreign amateur organizations are like the ARRL and post the information regarding licensing of visitors for short duration.

Since last June when the USA approved the CEPT licensing agreement, operating in most European countries is extremely easy. Read the ARRL pages regarding CEPT licensing information. No formal licensing procedure is required. Basically all you need to take along is your original (not a copy) of your USA license and a copy of the CEPT document which is available on the ARRL site.

For some Central and South American countries, there is an International Amateur Radio Permit (IARP) available which sounds easy to get. Again, the ARRL has all the info on this.

Licensing in non-CEPT or non-IARP countries is more difficult and varies greatly by country. Most overseas licenses require prior application which usually requires at least two months to process. Some require forms to be filled out, others can be done with a letter. Make your application as early as possible.

Also, many administrations require payment of an application / licensing fee which must be paid by check in the foreign currency (not US Dollars) drawn on a bank in the foreign country. Most US banks can arrange this service, but with a currency conversion and a service fee. The process of obtaining

the foreign currency check may also take your local bank a few days to process.

I have taken a NorCal 40A (40 meter) to Europe and had a lot of fun, although there was the normal problem getting an antenna to work from the hotel room. My next trip (to VK and ZL) will be with a NorCal 20 (20 meters) which is probably a better choice of band for QRP portable operating.

As for 2 meter operating, the European 2 meter band is 144 to 146 MHz. Watch your band edges! British repeaters usually require a 1750 Hz burst tone to initially bring up the machine.

I am not aware of any quiet zone restrictions, although each county may impose specific restrictions. Great Britain did not permit shipboard operating for example.

No special license is needed for Canada, just take your rig and enjoy!

72 and good luck,

David A. Bixler W0CH VK2IQX
Seneca, Missouri QRP-L #618

QRP: Minimum power, maximum fun!

Date: Fri, 14 Apr 2000 10:04:55 -0500
From: "Jay Bromley" <w5jay@alltel.net>
To: <eakwikjr@hti.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [67872] Re: Milliwatt Contest this weekend "Second Leg of the Triple Crown"
Message-ID: <00d001bfa622\$ce83b460\$079b66a6@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ed and all,
I could have done a better job here on the dates and time. I just didn't think it through, been kinda busy lately. So let's see if we can clear it

up and next year I promise I will go to GMT/(R) school, grin. The contest is this weekend Friday, Saturday, and Sunday. Start at the GMT times below and operate a maximum of four hours a day. In other words use local date and GMT time. The reason for the time shift is to try to equalize the grayline between coasts. You not the only one confused that e-mailed me and I hope this helps. With ArkieCon I didn't put in the effort on the contest that I should have. I am hoping we can get through it and next year should be a lot better. Thanks and 73 de w5jay..

> Boy this is confusing. Is this right?
> Friday 6pm EDT to 10pm EDT
> Saturday 8pm EDT to Midnight EDT
> Sunday 10pm EDT to Monday 2am EDT
>
> Jay Bromley wrote:
> >
> > Gang,
> > Jim Hale mentioned he hope there would be a post on the up
> > coming Milliwatt CW Contest, Second Leg of the "Triple Crown".
> > So here the first one, remember it is this weekend! I'm sorry,
> > still not all here because of ArkieCon, great problem to have, grin!
> > Cu on this weekend.
> > 1
> > 73 de w5jay..
> >
> > CONTEST: Milliwatt CW contest Second Leg of "Triple Crown".
> >
> > DATES AND TIMES: Friday April 14th, 2000. 2200Z to 0200 Z,
> > Saturday, April 15th, 0000Z to 0400Z and, Sunday, April 16, 0200Z
> > to 0600Z,
> >
> > Contestants may submit a log for only 2 days of the 3 day contest.
> >
> > EXCHANGE: Exchange RST, SPC, First Name, PWR.
> > Suggest using W as decimal point when reporting power. I.e., 1W5 =
> > 1.5W, W5 = 500mW, W25 = 250mW, W02 = 20mW.
> >
> > SCORING: QSO points are awarded to contestants according to their power
> > output. Power may be changed from QSO to QSO and must be noted in the
> > log.
> >
> > 1001mW and over 1 Point
> > 501mW to 1000mW 2 Points
> > 251mW to 500mW 4 Points
> > 101mW to 250mW 8 Points
> > 51mW to 100mW 16 Points
> > 26mW to 50mW 32 Points
> > 11mW to 25mW 64 Points

> > 1mW to 10mW 128 Points
 > > <1mW 500 Points
 > >
 > > NOTE: No schedules or prearranged contacts between stations are
 > > permitted.
 > >
 > > BONUS MULTIPLIER: Number of identical first letters of first names
 > > worked. I.e., worked Jim, John, Jennie, Joe, Jack, = 5 multiplier.
 > > Note: one name only counts once - if you work 10 Jacks, that's still
 > > just one multiplier.
 > >
 > > CLUB BONUS: Anyone who works a club station which is running the
 > > specified power levels listed below collects bonus points as follows:
 > > (Clubs will not raise or lower power to accommodate a single QSO.)
 > >
 > > 900mW 1,000 points
 > > 500mW 2,000 points
 > > 250mW 3,000 points
 > > 100mW 4,000 points
 > > 50mW 5,000 points
 > >
 > > Calculate score for each days activity:
 > >
 > > (QSO Points) X (Total SPC Multipliers all bands) X (Bonus Multiplier) +
 > > (Club Bonus total) = Daily Score.
 > > Add the two best daily scores to find Total Score.
 > >
 > > PRIZES: G4ZPY straight and a HiMound Paddle, details later.
 > >
 > > LOGS: Submit logs before June 1st, 2000. Winners will be announced on
 > > QRP-L and KLQRP. Send logs to:
 > >
 > > Ed Rowan
 > > 1450 North Main Street
 > > Greenwood, Ar. 72936
 > >
 > > email entries to: ac5dc@amsat.org
 >
 >

 Date: Fri, 14 Apr 2000 08:26:52 -0700
 From: schoon@amgt.com
 To: <qrp-1@Lehigh.EDU>, <n5ib@juno.com>
 Subject: [67873] RE: SMT newbie saga
 Message-ID: <c=US%a=_%p=American_Geotech%l=AG-CALCITE-

>
>Actually, I just might be able to get one of the wee beesties onto the
>circuit - as long as I don't sneeze - well I'm really more worried about
>accidentally inhaling.
>
>Maybe that can start a trend, years from now I can tell some new young
>ham, "I did SMT back in ought-zero, but I never inhaled."
>
>wish me luck...72
>Jim N5IB
>
>

>YOU'RE PAYING TOO MUCH FOR THE INTERNET!
>Juno now offers FREE Internet Access!
>Try it today - there's no risk! For your FREE software, visit:
><http://dl.www.juno.com/get/tagj>.
>

Date: Fri, 14 Apr 2000 12:11:37 -0400 (EDT)
From: Joel Malman <malman@world.std.com>
To: qrp-l@Lehigh.EDU
Cc: k1qm@world.std.com
Subject: [67874] [FS] Auto-tuner
Message-ID: <200004141611.MAA27175@world.std.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

For Sale:

LDG AT-11 Auto-tuner. QRO version but will tune 5 watt QRP rigs.
With manual and wall wart. \$110 Shipped to CONUS.

Please contact me via private E-Mail:
k1qm@world.std.com or malman@world.std.com or k1qm@arrl.net

--
/joel K1QM (K1 Queen Mary) Concord, Massachusetts
QRP-L #337, QRP-ARCI #9305, MI-QRP #1641, SOC #42

Date: Fri, 14 Apr 2000 10:32:50 +0100
From: n4so@juno.com
To: eakwikjr@hti.com, qrp-1@Lehigh.edu
Subject: [67875] Milliwatt Contest this weekend "Second Leg of the Triple Crown"
Message-ID: <20000414.103359.-150547.10.N4SO@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

I think this was done last year to equalize the daylight or darkness hours of the contest periods. Correct me if I am wrong...

The start times are split or staggered into time zones. The time zones are EDT, CDT and PDT. If you are in the Eastern Time Zone you start at 2200Z. Start time for Central Daylight Time zone is staggered and they start 2 hours later, followed by Pacific Time Zone which starts 2 hours after CDT.

East Coast/EDT starts at 6 PM local (2200Z), followed by CDT which starts at 0000Z, followed by PDT which starts at 0200Z.

So therefore, I start at 0000Z, being in the Central Time Zone.

EDT 2200Z and goes for 4 hours
CDT 0000Z and goes for 4 hours
PDT 0200Z and goes for 4 hours

This works best in my opinion, if you specify the Zulu time start hours only, and not cross-reference the local times in relation to Zulu.

Ken Brown, N4SO
Mobile, AL
NorCal-20 at 5 watts
4 element yagi

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<http://dl.www.juno.com/get/tagj>.

Date: Fri, 14 Apr 2000 17:40:05 +0000
From: Paul Kiciak <pkiciak@att.net>
To: n3fel@juno.com, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [67876] Re: Transmission line filters
Message-ID: <38F757F3.52B165F9@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Howard,

Check our W3NQN's May & June '98 QST articles for bandpass filters designed for multi-multi contesting environments. They are capable of 150-200 watts as is & I have used Ed's methodology to design & build low power filters. They work fine, altho I don't stress them in a harsh environment.

73 de Paul, N2PK

Date: Fri, 14 Apr 2000 12:00:19 -0700
From: Brian Kassel <bkassel@dancris.com>
To: QRP-L <QRP-L@lehigh.edu>, Floyd Smithberg <flydnq7x@primenet.com>, Roger Hightower <n7kt@worldnet.att.net>, Bob Hightower <ki7mn@extremezone.com>, azqrp <azqrp@extremezone.com>, Bertie Hightower <bertieh@extremezone.com>, KB7WW Art Moe <kb7ww@chatusa.com>, Jerry Scherkenbach <jerrys@execpc.com>
Subject: [67877] Contest: Free - QRPDUPE BETA Update
Message-ID: <38F76AC3.9E248332@dancris.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gangue:

The latest version of QRPDUPE, 2.0 BETA 2.0m 4-14-00 has been uploaded to my Web site at:

<http://www.dancris.com/~bkassel/index.htm#top>

This version has added the QRPTTF contest which will be held a week from this Saturday.

I added the ability to move from field to field with the Space Bar as well as the Tab key.

The program will display your score at any time, and creates a summary sheet, filled in with most of the info for a completed entry based on the log.

I am currently working on a CW send capability that will send CW in context with the program, as well as suggested features supplied by the kind folks who have been BETA testing so far.

This version supports 5 contests as uploaded and is totally free at this point in time.

Brian K7RE

Date: Fri, 14 Apr 2000 11:03:50 -0700
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateru Radio Discussion <qrp-1@lehigh.edu>
Subject: [67878] QRQ Net: Sentences and Conflict.
Message-ID: <38F75D86.AF387BAA@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang, we'll be using the same sentences as posted for last week's qrq net. There is a conflict with the mW triple crown contest on Sunday but the net always goes on.

Still working on the 40 M novice band QRQ net specifics.

72/Ed we6w

--
72/Ed we6w; A-1 OP; SOC#63; QRPL#1068
<http://www.qsl.net/we6w> Santa Rosa, CA
My 2 pennies worth is just common cents.

Date: Fri, 14 Apr 2000 12:07:33 -0600
From: Ray Colbert <af852@rgfn.epcc.edu>
To: qrp-1@lehigh.edu
Subject: [67879] Re: Ancient Telegraph Code
Message-ID: <38F75E65.34785381@rgfn.epcc.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

When I worked for one of the alphabet agencies a number of years ago, one of our off-line encryption systems used either that book or an updated version the pursers of steamship lines would use for determining the cost of maritime telegrams. I seem to recall that it had a date of 1920 or 1925. We would use the numerical designators and our own onetime encrypt-decrypt pads. Quite a handy book that. Probably still has a useful life after all these years.

--

"The more I see of the representatives of the people, the more I admire my dogs." letter from Count d'Orsay to John Foster 1850
Ray Colbert, W5XE, 00TC#3618, SOWP#1064M NARTE-NCT2 SOC#78
MI-QRP 379QRP-ARCI 5784 NORCAL 1110, El Paso, (FAR WEST) TEXAS

Date: Fri, 14 Apr 2000 14:05:23 -0400
From: "J. Ervin Bates" <w8erv@email.msn.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>, "SOC" <secondclassopsclub@egroups.com>
Subject: [67880] DXCC 2000 Award
Message-ID: <00ed01bfa63c\$01973ac0\$ed25143f@win98>

WOW!

Looked in the mailbox and found an envelope from the ARRL. Inside, I discovered my awaited DXCC2000 Award, which only took a WEEK to process and return!!!!!! I say again, WOW!

Have a good weekend, all. I'll be working and doing the things I need to do in preparation for the sale (I hope) of our home. I may end up parting with some HF gear, so stay tuned.

74,
Erv W8ERV

HamFair2000 is coming...ask me about it!

"Dare to Dream-It Sets Your Spirit Free!"

10-10# 70639 - QRP-ARCI# 9702 - SOC# 41
QRP-L #1569 - NorCal Zombie #236 - Worked All
El Paso #033/1999 - Member, MI DX Assn. -
MI QRP Club, M-1688 -

Date: Fri, 14 Apr 2000 12:03:46 +0100
From: n4so@juno.com
To: qrp-l@Lehigh.edu
Subject: [67881] Bandpass Preamps/Model 100 series
Message-ID: <20000414.122538.-255719.3.N4SO@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Bandpass Preamplifiers for "overload rejection in noisy urban environments, and improved receiver sensitivity" are part of the product line of: Industrial Communication Engineers, Ltd.
1 800- 423 2666 They also sell RF Limiter/Receiver Protectors, and Signal Splitters.
The Transceiver version of Model 100 series provides fail-safe switching during transmit. Frequency range is by amateur bands.
Page 3 in the catalog. Cost is about \$75 for the transceiver version.

Ken Brown, N4SO
Mobile, AL
NorCal-20 at 5 watts
4 element yagi

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<http://dl.www.juno.com/get/tagj>.

Date: Fri, 14 Apr 2000 13:35:45 -0500

From: "Jay Bromley" <w5jay@alltel.net>
To: <qrp-1@Lehigh.EDU>
Cc: "Jim Hale" <kj5tf@madisoncounty.net>, "Bob Kellogg" <ae4ic@nr.infi.net>, "John Burnley" <JBurnley@ifmc.org>
Subject: [67882] Milliwatt Contest Time and Prize update
Message-ID: <002b01bfa640\$402d6da0\$5a9b66a6@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang,
I hope the below GMT date and times will clear things up once and for all.
The first place prize on the "Second Leg" is a nickel plated G4ZPY straight
key on a mahogany base. Second place prized is a Hi Mound MK 705 paddle on
a marble base. I got these neat keys from Marshall Elmm at Morse Express.
You can see the MK-705 at <http://www.mtechnologies.com/n1fn/keys.htm>

73 de w5jay..

CONTEST: Milliwatt CW contest Second Leg of "Triple Crown".

MUST HAVE FUN or your will be disqualified

GMT STARTING DATES AND TIMES:

Friday April 14th 2200Z to Saturday April 15th 0200 Z-----This is Friday
evening local.

Sunday April 16th, 0000Z to 0400Z -----This is
Saturday evening local.

Monday April 17th, 0200Z to 0600Z-----This is
Sunday evening local.

Contestants may submit a log for only 2 days of the 3 day contest.

EXCHANGE: Exchange RST, SPC, First Name, PWR.

Suggest using W as decimal point when reporting power. I.e., 1W5 =
1.5W, W5 = 500mW, W25 = 250mW, W02 = 20mW.

SCORING: QSO points are awarded to contestants according to their power
output. Power may be changed from QSO to QSO and must be noted in the
log.

1001mW and over	1	Point
501mW to 1000mW	2	Points
251mW to 500mW	4	Points
101mW to 250mW	8	Points

51mW to	100mW	16	Points
26mW to	50mW	32	Points
11mW to	25mW	64	Points
1mW to	10mW	128	Points
<1mW		500	Points

NOTE: No schedules or prearranged contacts between stations are permitted.

BONUS MULTIPLIER: Number of identical first letters of first names worked. I.e., worked Jim, John, Jennie, Joe, Jack, = 5 multiplier. Note: one name only counts once - if you work 10 Jacks, that's still just one multiplier.

CLUB BONUS: Anyone who works a club station which is running the specified power levels listed below collects bonus points as follows: (Clubs will not raise or lower power to accommodate a single QSO.)

900mW	1,000 points
500mW	2,000 points
250mW	3,000 points
100mW	4,000 points
50mW	5,000 points

Calculate score for each days activity:

$(\text{QSO Points}) \times (\text{Total SPC Multipliers all bands}) \times (\text{Bonus Multiplier}) + (\text{Club Bonus total}) = \text{Daily Score}.$

Add the two best daily scores to find Total Score.

PRIZES: G4ZPY straight and a HiMound Paddle, details later.

LOGS: Submit logs before June 1st, 2000. Winners will be announced on QRP-L and KLQRP. Send logs to:

Ed Rowan
1450 North Main Street
Greenwood, Ar. 72936

email entries to: ac5dc@amsat.org

CONTEST: Milliwatt CW contest Second Leg of "Triple Crown".

GMT STARTING DATES AND TIMES:

Friday April 14th 2200Z to Saturday April 15th 0200 Z-----This is Friday evening local.

Sunday April 16th, 0000Z to 0400Z -----This is Saturday evening local.

Monday April 17th, 0200Z to 0600Z-----This is Sunday evening local.

Contestants may submit a log for only 2 days of the 3 day contest.

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Suggest using W as decimal point when reporting power. I.e., 1W5 = 1.5W, W5 = 500mW, W25 = 250mW, W02 = 20mW.

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CLUB BONUS: Anyone who works a club station which is running the specified power levels listed below collects bonus points as follows: (Clubs will not raise or lower power to accommodate a single QSO.)

900mW	1,000	points
500mW	2,000	points
250mW	3,000	points
100mW	4,000	points
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Calculate score for each days activity:

$(\text{QSO Points}) \times (\text{Total SPC Multipliers all bands}) \times (\text{Bonus Multiplier}) + (\text{Club Bonus total}) = \text{Daily Score.}$

Add the two best daily scores to find Total Score.

PRIZES: G4ZPY straight and a HiMound Paddle, details later.

LOGS: Submit logs before June 1st, 2000. Winners will be announced on QRP-L and KLQRP. Send logs to:

Ed Rowan
1450 North Main Street
Greenwood, Ar. 72936

email entries to: ac5dc@amsat.org

Date: Fri, 14 Apr 2000 11:54:38 -0600
From: "Niel Skousen" <nskousen@scientechnology.com>
To: <w1rfi@arrl.org>, <qrp-l@lehigh.edu>
Subject: [67883] RE: Operating From Hotel Rooms
Message-ID: <[001801bfa63a\\$80ad0580\\$6f1a0a0a@scientechnology.com](mailto:001801bfa63a$80ad0580$6f1a0a0a@scientechnology.com)>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Ed and all,

Sorry for the delay in getting this pulled together - I know the thread's been dead for over a week =8-) BUT here's my distilled experiences...

I've tried a number of hotel antenna's over the years. a couple worked reasonably well on receive (the no luck tx was as much operator prob as radiation I think...) and two have worked reasonably well both tx/rx. Those two and a friend's favorite are described.

'Ground' is only a concept on the 7th floor, let alone the 17th. Hotels tend to be very noisy environments with all the hairdryers, entertainment signals, etc.

Generally speaking, a balanced antenna, and fresh batteries are GOOD things in a hotel. Both help reduce the noise. IF I take a wall charger its unplugged when operating from the battery - I have not had any luck using a wall-wart as a travel power supply. In all cases I've limited myself to something that will fit into my roll-on luggage (eg 20' max.length)

Ant1) A friend of mine swears by a large (20m-ish) 28ga loop. He places it on the largest wall, trying to get something close to a 7 x 20 ft rectangular loop. He's put it on inner walls to reduce noise from adjacent rooms, as well as making it a two turn loop. Tape is the usual method of sticking it to the wall.

Ant2) I've used a variant of the 'Rock Loop' found somewhere out on the net. I made a 'tinker toy' style frame with 18" dowels, a center hub, and a base (the archives have a couple of long posts on this back in '96-'97). The loop element was 3 turns / 38" dia / 16 ga wire with loop coupling and high quality glass-piston trimmer cap for the tuning. Seemed to work ok, low noise, the nulls were usable to minimize nearfield noise (hairdryer in the next room...) VERY narrow bandwidth, expect it had mediocre radiation performance from 20m up, 40/30m was usable - but I'd guess it was in the -8dbi range...

Ant3) My best hotel antenna is a 65' endfed wire antenna with a 17' counterpoise (similar to a W3EDP). I use 28ga blk/red teflon wire with a ZM-1 tuner. I lay the 17' counterpoise on the floor in the room, put the tuner at the window and suspend the wire out the window. When suspending the wire out the window, it is important to get it away from the building. When I can't get it to a tree or other support, I have a small collapsable 6' fishing pole which I can usually tape/clamp at the window and use to suspend the wire out from the building.

Hope that is of some interest

Niel

Date: Fri, 14 Apr 2000 14:49:29 EDT
From: GElam30092@aol.com
To: w8erv@email.msn.com, qrp-1@lehigh.edu
Subject: [67884] Re: DXCC 2000 Award
Message-ID: <9d.415967d.2628c239@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 4/14/00 11:07:16 AM US Mountain Standard Time,
w8erv@email.msn.com writes:

<< Have a good weekend, all. I'll be working and doing the things I need to
do
in preparation for the sale (I hope) of our home. I may end up parting with
some HF gear, so stay tuned. 74, Erv W8ERV >>

Just in case you missed it, Erv been making the rounds as one of the hams in
the spotlight at www.eham.net!

Cheers,
Gerry

Date: Fri, 14 Apr 2000 14:54:10 -0400
From: "Ron Polityka" <wb3aal@talon.net>
To: ". QRP-L" <qrp-1@Lehigh.EDU>
Cc: ". NJ QRP-L" <njqrp@njqrp.org>
Subject: [67885] WA3WSJ on the Appalachian Trail
Message-ID: <001601bfa642\$d23c9020\$94e508cf@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I just worked Ed on WA3WSJ. He is on the Appalachian Trail
working 20 Meters. 14059.5 Mhz. Time 18:39 UTC

72 & 73
Good DXing

Ron Polityka
de WB3AAL

wb3aal@talon.net

vvv Eastern Pennsylvania QRP Web Page vvv

<http://www.n3epa.org>

Eastern Pennsylvania QRP Club Call

N3EPA E-mail address: n3epa@talon.net

EPA QRP #1	NJ QRP #179
KL7 QRP # 309	G-QRP # 3031
ARCI QRP # 5318	10 - X #13173
NorCal	Zombie #625
ARS # 380	HI-QRP #153
VA QRP Society	

Date: Fri, 14 Apr 2000 15:05:49 US/Eastern
From: n2cx@voicenet.com
To: qrp-l@lehigh.edu, njqrp@njqrp.org
Cc: n2cx@voicenet.com
Subject: [67886] RE: Operating From Hotel Rooms
Message-ID: <200004141905.PAA159248@nss4.cc.lehigh.edu>

Group,

I gotta add my 2 cents as well.

My experience with in-the-room antennas has been abysmal on any band but 2 meters. The construction used in most hotels makes it a metal cage from which rd does not want to radiate and the number of electrical and electronic noise sources is overwhelming.

But if I was luck enough to have a window that opened (or in the non-high-rise motels a door under which a wire could be run, things were better.

There have been a couple of instances where there was either a large metal frame openable window or a sliding glass door to a balcony. For these locations a Hamstick was reasonably effective.

Also in places with some sort of outdoor access, a 30 foot or longer wire to a nearby tree or even other building was good. If I did not have ready access to the "other " support I simply bought a child's solid rubber ball at a nearby bargain store, poked the wire thru it and gave the ball a heave ho to launch the wire. No insulator

needed,
the ball protected whatever else it hit (hopefully not glass) and it had enough weight
to "carry" the wire along.

For grounding I used a nearby radiator, window frame or whatever. My Emtech ZM-2 does a super job of tuneup.

In one memorable site, a courthouse was about 35 feet across an alley and I was about even with its roof up four or five stories. A 50 foot wire was launched to the
courthouse roof (after dark of course!) and the signals literally poured in. Even managed to snag a DL on 40 meters from eastern PA.

On the west coast I used the same trick to heft a wire to a nearby swimming pool pump house only 15 feet off the ground and snuck in a few local Q's again on 40. I'll fess up some time about how I got the wire across the outdoor hallway along the ceiling...

72/73,

Joe E.

This message was sent using Voicenet WebMail.
<http://www.voicenet.com/webmail/>

Date: Fri, 14 Apr 2000 15:22:30 -0400
From: Barry J Minsky <w2bj@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [67887] QRP in the Savannah, GA Area
Message-ID: <20000414.152504.-67617.1.w2bj@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

I have lived in Savannah, GA for the last 2 years. I have met many hams and am a part of the FISTS CW club of Coastal Georgia. I have not met any active QRPers in this area. If any Savannah area QRP ops are on the list or if you know of any in my area, please let me know. Thanks.

72/73,

Barry J. Minsky, W2BJ

ARRL, QRP ARCI #8871, NorCal #1560, QRP-L #1543, FISTS #2701, Century Club #569, Platinum #51, Silver #119, FISTS CW Club of Coastal Georgia, Knightlites, Adventure Radio Society #359, Six Club #151, QCWA #29298, OOTC #3723, SOC #193

Date: Fri, 14 Apr 2000 15:16:32 -0400
From: Barry J Minsky <w2bj@juno.com>
To: wb3aal@talon.net
Cc: qrp-l@Lehigh.EDU
Subject: [67888] Re: WA3WSJ on the Appalachian Trail
Message-ID: <20000414.152504.-67617.0.w2bj@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Hi Ron,
I also worked him earlier today. He had a good signal into Savannah, GA.

On Fri, 14 Apr 2000 14:54:10 -0400 "Ron Polityka" <wb3aal@talon.net> writes:

> I just worked Ed on WA3WSJ. He is on the Appalachian Trail
> working 20 Meters. 14059.5 Mhz. Time 18:39 UTC
>
> 72 & 73
> Good DXing
>
> Ron Polityka
> de WB3AAL
> wb3aal@talon.net
>
> vvv Eastern Pennsylvania QRP Web Page vvv
> <http://www.n3epa.org>
> Eastern Pennsylvania QRP Club Call
> N3EPA E-mail address: n3epa@talon.net
>
> EPA QRP #1 NJ QRP #179
> KL7 QRP # 309 G-QRP # 3031
> ARCI QRP # 5318 10 - X #13173
> NorCal Zombie #625
> ARS # 380 HI-QRP #153
> VA QRP Society
>

72/73,
Barry J. Minsky, W2BJ
ARRL, QRP ARCI #8871, NorCal #1560, QRP-L #1543, FISTS #2701, Century

Club #569, Platinum #51, Silver #119, FISTS CW Club of Coastal Georgia,
Knightlites, Adventure Radio Society #359,
Six Club #151, QCWA #29298, OOTC #3723, SOC #193

Date: Fri, 14 Apr 2000 20:41:59 +0100
From: "Mel Evans" <mel@euramcom.freeserve.co.uk>
To: <qrp-1@lehigh.edu>
Subject: [67889] All the FINAL worries
Message-ID: <000201bfa649\$aaeac800\$c420883e@dsnqutvf>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gangue,

So you know the local radio station on FM.--- and the engineer there is a ham, and perhaps a member of your local ham club --- and you're listening Saturday on the way to the shopping mall? ---- and the station DJ goes bananas and starts broadcasting Mozart on the pop show, non-stop? ---or issues death threats or profanities or whatever --- so you call the engineer on your 2m handie ---- "Hey Bert, the DJ's gone bananas on your station"

You've violated all sorts of sub sections of the FCC rules?? You've transmitted info on the ham band relating to something you heard on the FM frequency?

I repeat, AFAIK, the Portishead Crossband Operation is a fully licensed HAM Band operation with full tx and rx facilities in the Ham Bands as outlined in the frequency schedules already published, being operated by hams for hams with special event calls issued by and approved by the RSGB and SSL, the two authorities concerned here in the UK, but also given a "dispensation" to tx only on the nominally commercial frequencies listed, thus using the aerial systems at their utmost (cut for frequency) efficiency. Incidentally, it is a condition of a British ticket that you must be able to listen on ANY frequency you can transmit on, so the guys at Portishead will be monitoring their tx frequency in case they are causing any problems to any other users. I also understand the ops concerned to be fully qualified commercial ops who also hold the relevant ham tickets, so there's just not a problem with the legality of the station.

If you still consider this to be a problem, then the phrase "Mountains out of molehills" springs to mind.

Nothing personal guys, if you feel you cannot work the station, then don't.

I just cannot see it as contravening the FCC regs (of which I have a copy BTW)

Regards

Mel
GM6JAG
Edinburgh, Scotland
Home of the last HW9

Date: Fri, 14 Apr 2000 15:12:38 -0500
From: "John Burnley" <burnleyia@home.com>
To: <qrp-1@lehigh.edu>
Subject: [67890] Club: IAQRP Club Call KQORP active for Milliwatt event
Message-ID: <000e01bfa64d\$c7f862a0\$1b790818@c149552-a.west1.ia.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi gang, sorry for the bandwidth. For those operating the 2nd leg of the Milliwatt Triple Crown, please look for the IAQRP Club Call KQORP. I'm not sure exactly what times it will be active, but we will be there. Murphy has already paid me a visit with all night coverage at work (and might I add unexpected) last evening and I'm headed out now to check on the bad news (hi).

Turn the power down this weekend and see how well you can do in the second leg sponsored by the Ft. Smith group. And hey, did you see the prizes being offered? Check out Jay's earlier post. See you on the bands this weekend with milliwatts of power and megawatts of fun!

72, John NU0V

Date: Fri, 14 Apr 2000 13:36:28 +0100
From: n4so@juno.com
To: qrp-1@Lehigh.edu
Subject: [67891] Low Power Spring Sprint
Message-ID: <20000414.141422.-255719.8.N4S0@juno.com>
MIME-Version: 1.0

Content-Type: text/plain
Content-Transfer-Encoding: 7bit

As per QST April Contest Corral

April 24

Low Power Spring Sprint, sponsored by the Slovak Amateur Radio Club, 1400Z-2000Z Monday Apr 24.
CW only, 160 thru 10 meters.
Exchange RST, Maidenhead grid square and power category.
Entries to OM3KFV
Details in QST magazine.

QST April 2000, page 100

Ken Brown, N4SO
Mobile, AL EM50tk
NorCal-20 at 5 watts
4 element yagi

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<http://dl.www.juno.com/get/tagj>.

Date: Fri, 14 Apr 2000 16:48:49 -0400
From: w2xn@juno.com
To: qrp-1@lehigh.edu
Subject: [67892] DSW-40
Message-ID: <20000414.164851.-592063.4.w2xn@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

I borrowed a friends Small Wonder Labs DSW-40 to see what it was like. Terrific little rig! The features are aplenty, and it is easy to align (all of about 5 minutes to do) and easy to use. I am seriously thinking of getting the 20 meter version for myself but am wonding about one question.

This is a question for other DSW rig owners. Is it normal for the volume to be all in the upper 3/4 of the turning radius of the volume control? I am not sure if it is normal, or if he did something wrong during

construction. This is not a negative aspect, but I am just wondering.

The sound is just about non-existent for the first 3/4 turning of the volume control, but when you get to the last 1/4 the volume increases quickly up to a satisfactory level for headphones.

Thanks,

fred w2xn

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Try it today - there's no risk! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Fri, 14 Apr 2000 16:53:42 -0400 (EDT)
From: Joel Malman <malman@world.std.com>
To: qrp-l@Lehigh.EDU
Cc: k1qm@world.std.com
Subject: [67893] [HB] Question
Message-ID: <200004142053.QAA05622@world.std.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Folks,

There is a local ham with a hearing problem. He wants to take the CW test (5wpm) and thinks he will do much better at trying to copy a flashing light than trying to copy the sounds. I understand that the VE will allow the flashing light as an acceptable alternative to sound copy as long as the flashing light responds to the cassette tape audio output during the exam.

Before I try to re-invent the wheel, does anyone have a simple HB project that will take the audio output from a tape-player (or HF rig) and flash an LED?

thanks, joel (queen mary)

--

/joel K1QM (K1 Queen Mary) Concord, Massachusetts
QRP-L #337, QRP-ARCI #9305, MI-QRP #1641, SOC #42

Date: Fri, 14 Apr 2000 15:00:10 -0700

From: Brian Kassel <bkassel@dancris.com>
To: QRP-L <QRP-L@lehigh.edu>
Subject: [67894] Contest: QRPDUPE - QRPTTF is 4-29
Message-ID: <38F794EA.C23DC431@dancris.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gangue:

I have a bit of a correction to my last post: QRPTTF is to be held on Sunday 4-29-00, TWO weeks from this Sunday. I should have taken off my shoes and counted on my toes too as well as my fingers ;)

Brian K7RE

Date: Fri, 14 Apr 2000 17:11:55 -0400
From: "Victor Blackwell" <victor@brecnet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [67895] Qrp Club
Message-ID: <001501bfa656\$10b419a0\$465730d1@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Is there a Qrp club in the Cincinnati, Ohio area or SW Ohio? I thought I saw something to that effect a week or so ago.

Vic AD8K/qrp Hamilton, Ohio

Date: Fri, 14 Apr 2000 16:33:59 -0500
From: "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>
Subject: [67896] RE: [HB] Question
Message-ID: <0974781F4FC8D211A24600902727E806011B20D5@saturn.rose.cc.ok.us>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

The VE MUST make available any means that your friend needs to be able to copy the code. A flashing light is great, but THEY have to provide the means to make it work, not your friend. Don't tell me they cannot hook up a

key to a light bulb and have someone send the code. That is ridiculous! If the guy needed a buzzer, they would have to provide it too. Turn them in to the FCC.

Hal

Date: Fri, 14 Apr 2000 15:47:33 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: malman@world.std.com, qrp-1@lehigh.edu
Subject: [67897] Re: [HB] Question
Message-ID: <38F73D95.11492.157A639@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Hi, Joel--

>>Before I try to re-invent the wheel, does anyone have a simple HB project that will take the audio output from a tape-player (or HF rig) and flash an LED?<<

Not much to it, really-- there is a cheap (6.95 I think) kit from Rainbow Electronics called a voice operated switch that will do it. I usually carry them but am out of stock (Radioshack.com has them). Or you can roll your own.

Take the audio signal and rectify it with a diode (any diode) and use the resulting square wave dc to drive the led. You can get fancier, but for this app why not just show how simple it is and how inventive we hams are? Next level up is to put a cap in series with the input of the diode to smooth the signal, then (ultimately) a simple transistor switch driven by the input to provide separate and constant power to the led when it is turned on.

You'll find a circuit diagram at <http://www.morsex.com/cm5.htm#hardware> .

When you are developing it, remember that the exams use a much higher character speed (e.g. 18 wpm) in the ARRL ones so rise time might be a factor and it would probably be safest to use the transistor approach. And you probably should ask to "sit in" so you can ride the input level and make sure it works all the way through (some of the exam tapes are pretty old and the level might vary enough to cause a problem if you just set it on the "practice" material and let it go).

Hope this helps...

Marshall Emm, N1FN
Milestone Technologies, Inc.
(303) 752-3382
<http://www.mtechnologies.com>

Date: Fri, 14 Apr 2000 14:49:55 -0700
From: Roger Hightower <n7kt@worldnet.att.net>
To: hdeitz@ms.rose.cc.ok.us
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [67898] Re: [HB] Question
Message-ID: <38F79283.1A97CBFA@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

As a long time VE, I can tell you that teams don't routinely carry around flashing lights, buzzers, or whatever alternative means a candidate wants to be tested with. That's ridiculous!

My team would always accommodate the candidate, if arrangements were made in advance for the method desired. That gave us time to gen something up, and to be sure it was available at the session.

Remember, these guys are volunteers. Complain about them to the FCC and you'll see fewer VE's next time around.

--

72.....Roger

Roger Hightower, N7KT Mesa, AZ K2#591 SOC #14

Date: Fri, 14 Apr 2000 15:07:37 -0700 (PDT)
From: Jim Hale <kj5tf@yahoo.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [67899] Milliwatt contest starting times
Message-ID: <20000414220737.22589.qmail@web701.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Friday April 14th 2200Z to Saturday April 15th 0200
Z-----This is Friday
evening local.

Sunday April 16th, 0000Z to 0400Z

-----This is
Saturday evening local.

Monday April 17th, 0200Z to
0600Z-----This is
Sunday evening local.

=====The above from Jay W5JAY

Rules on my webpage address below.

GL 72/3's de Jim KJ5TF

=====

<http://www.madisoncounty.net/~kj5tf/>
Milliwatting Editor ARCI QRP Quarterly
Join/renew membership QRP Amateur Radio Club International
<http://www.qrparci.org/arcijoin.html>
AR QRP#2 - Kingston, Arkansas 35.94N 93.47W
Private email kj5tf@madisoncounty.net

Do You Yahoo!?
Send online invitations with Yahoo! Invites.
<http://invites.yahoo.com>

Date: Fri, 14 Apr 2000 18:11:18 EDT
From: RangerSF5@aol.com
To: qrp-1@lehigh.edu
Subject: [67900] Re: NC 40 with KC-1 vs NC40-A/W KC-1
Message-ID: <b0.3d0f0b7.2628f186@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi Gang,
Have a small problem here.
I picked up a NC-40 with a non wired KC-1.
The manual is for a ver #1.
The rigs board is a ver # 2.
The bottom of the early NC 40 is all ground plane and seems to have less
parts and different parts then the 40-A.
Can anyone tell me if the wiring for the early NC 40 is the same as the newer
NC 40-A?
Looking at the KC-1 that came with the NC 40, it looks like it had 2 extra

wires soldered to the left looking at the bottom of the board.
My newer NC 40-A does not have any wires soldered in this area.
Am I over looking something or is the early NC 40 wired different?
The rig works fine and I don't want to go out to lunch on me over a keyer.
Thanks in advance
Bob
WA2HQrp <tm>

Date: Fri, 14 Apr 2000 18:39:20 EDT
From: Cw4n5iw@aol.com
To: qrp-l@lehigh.edu
Subject: [67901] NQ5RP on 14.060.75 calling cq with 250mw
Message-ID: <5b.482491e.2628f818@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Work him! He has great signal into central texas and good ears too!

Dave, N5IW

Date: Thu, 13 Apr 2000 22:00:21 -0600
From: Doug <doug@wtp.net>
To: ctrask@primenet.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [67902] Re: Ancient Telegraph Code
Message-ID: <38F697D5.501C815F@wtp.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Howdy Chris.....that is one of several "Commercial Codes" that were in common usage during the days of long telegraph cables and extremely slow speed Morse on them. The line losses and distributed capacitance made for very weak currents over the circuit, and required sensitive galvanometers and reflected light to translate the electrical impulses to readable code. So, it made sense to shorten the message to allow more to be sent in a given time.

If you read "Codebreakers", you'll also find how those Commercial Codes were used in early espionage efforts by foreign governments before WWI.....interesting stuff.

Doug, K7YD
Livingston, MT

Chris Trask wrote:

> I picked up a very odd book over the weekend entitled "ABC
> Universal Commercial Electric Telegraphic Code", published by the American
> Code Publishing Co. in 1899. It appears to be a manual for a form of
> telegraphic shorthand used by merchants and shipping agents, similar to
> the Q-codes and numerical codes we still use. There are over 25,000 codes
> in this book, and they were able to use either a number or a word. They
> also had to add additional information if there's a "fill in the blank"
> portion.

> Anyone know the history behind this?

> Chris

> /-----\	High Performance Mixers and
> / What's all this \	Amplifiers for RF Communications
> / extinct stuff, anyhow? \	
> \-----/	Chris Trask / N7ZWY
> _ /	Principal Engineer
> oo\	Sonoran Radio Research
> (--) \	P.O. Box 25240
> \ \ . ' .	Tempe, Arizona 85285-5240
> \ \ ' "	
> \ \ () \	IEEE Member #40274515
> . '-) _ _ : . \	Email: ctrask@primenet.com
> \ ' .	http://www.primenet.com/~ctrask
> c__; c__; ' - . . ' > . _ _	

> Graphics by Loek Frederiks

End of QRP-L Digest 1791

